

**ABSTRACT**

A method recognizes a request for data transmission by a mobile/base station RRC (Radio Resource Control) using a network transfer device, by which the mobile/base station RRC can recognize the request for data transmission using the network transfer device in a state where recognition of the request for data transmission is disabled. The mobile/base station RRC sets the network transfer device in a suspend state and recognizes a request for data transmission from an up/down link. The network transfer device in the suspend state recognizes the request for data transmission to the up/down link, and sends a message to the mobile/base station RRC to inform the mobile/base station RRC that it recognizes the request for data transmission. The mobile/base station RRC recognizes the request for data transmission according to a received message from the network transfer device and transits to an active state.